



# ***Rockford Fire Department***

## Biennial Statistical Report

2008-2009



### Mission Statement

It is the mission of the Rockford Fire Department to protect the lives and property of the citizens of Rockford from fire, disasters (natural or manmade), terrorist threats, hazardous materials, and other emergencies including emergency medical care. Our mission is accomplished by providing prevention, education, suppression, advance life support care, and other public safety emergency services to all areas and citizens of our community.



**Mayor:** Larry Morrissey

**City Administrator:** Jim Ryan

**Assistant City Administrator:** Julia Valdez

#### **City Council Members**

**Ward 1-** Joe Sosnowski

**Ward 2-** Patrick Curran

**Ward 3-** Douglas Mark

**Ward 4-** Carl R. Wasco

**Ward 5-** Venita Hervey

**Ward 6-** Leonard J. Jacobson

**Ward 7-** Ann Thompson-Kelly

**Ward 8-** Nancy L. Johnson

**Ward 9-** Bill Timm

**Ward 10-** Franklin C. Beach

**Ward 11-** Karen Elyea

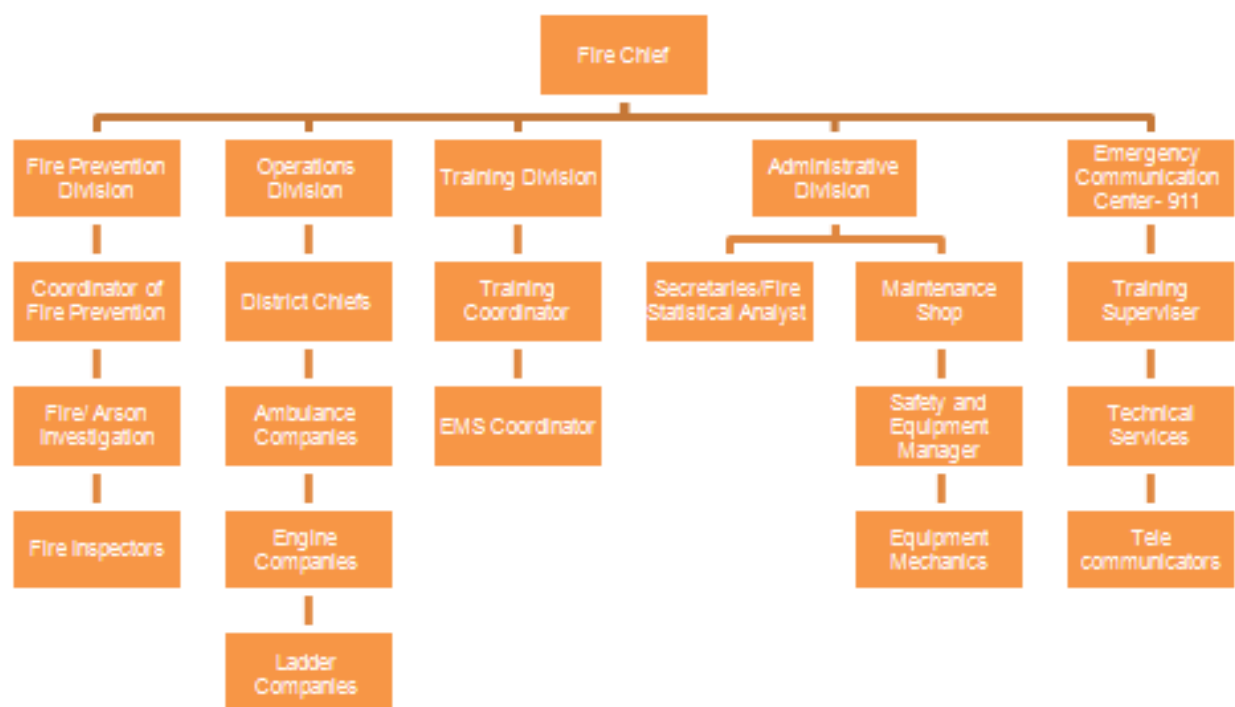
**Ward 12-** John C. Beck

**Ward 13-** Linda McNeely

**Ward 14-** Bill Robertson

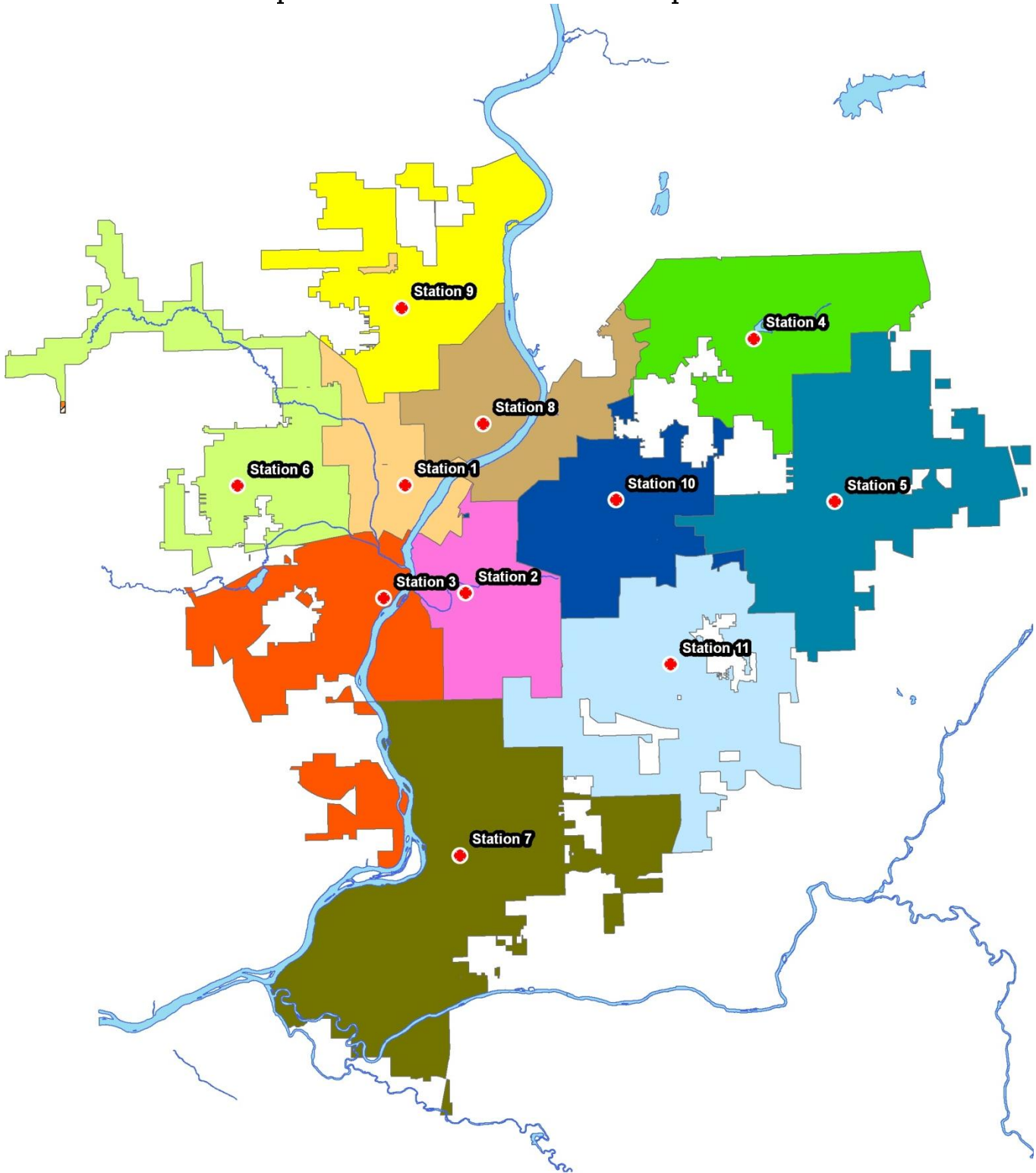


## Rockford Fire Department Organization Chart





## Rockford Fire Department Station Location and Still Map





## Rockford Fire Department Deployment Inventory

<b>District 1 – West Side</b>	Front Line Equipment	Daily Staffing	Reserve Equipment
<b>Fire Station #1</b> 528 Woodlawn Avenue 815-987-5671 815-987-5652	<b>Engine 1</b> , 1250 gpm 500 gal. water tank (1023) <b>Ladder 1</b> , 100' aerial (1261) <b>District Chief 1</b> (1308) <b>Boat 1</b> (1512)	<b>E-1 – 4 personnel</b> 1 – Company Officer 1 – Driver/Engineer 2 – Firefighters <b>L-1 – 4 personnel</b> 1 – Company Officer 2 – Driver/Engineer 1 – Firefighters <b>District Chief #1 – 1 person</b>	<b>D/C Car</b> (1304) <b>Water Rescue 2</b> ( 1409)
<b>Fire Station #3</b> 1520 South Main Street 815-987-5669 815-987-5768	<b>Engine 3</b> , 1250 gpm, 500 gal. water tank (1028) <b>1C29</b> (1421) <b>Boat 2</b> (1513)	<b>E-3 – 4 personnel</b> 1 – Company Officer 1 – Driver/Engineer 2 – Firefighters <b>1C29 – 2 personnel</b>	
<b>Fire Station #4</b> 2959 Shaw Woods Drive 815-987-5665 815-987-5614	<b>Engine 4</b> , 1250 gpm 500 gal. water tank (1025) <b>1C12</b> (1419) <b>Grass Rig</b> , (1760) <b>Auxiliary Light Unit</b> (1516)	<b>E-4 – 4 personnel</b> 1 – Company Officer 1 – Driver/Engineer 2 – Firefighters <b>1C12 – 2 personnel</b>	<b>1C40</b> (1414) <b>Engine 1020</b> – 1000 GPM, 500 gal. (1020)
<b>Fire Station #6</b> 3329 West State Street 815-987-5666 815-987-5695	<b>Engine 6</b> , 1250 gpm 500 gal. water tank (1026)	<b>E-6 – 4 personnel</b> 1 – Company Officer 1 – Driver/Engineer 2 – Firefighters	<b>Quint 1259</b> , 1250 gpm, 300 gal. water tank, 75' aerial (1259)
<b>Fire Station #8</b> 505 Sherman Street 815-987-5670 815-987-8085	<b>Engine 8</b> , 1000 gpm, 500 gal. tank (1022)	<b>E-8 – 4 personnel</b> 1 – Company Officer 1 – Driver/Engineer 2 – Firefighters	
<b>Fire Station #9</b> 2416 Halsted Road 815-987-5673 815-987-8082	<b>Quint 9</b> , 1250 gpm, 400 gal. water tank 105' aerial (1258) <b>1C27</b> (1420)	<b>Q-9 – 4 personnel</b> 1 – Company Officer 1 – Driver/Engineer 2 – Firefighters <b>1C27- 2 personnel</b>	<b>1C66</b> (1417) <b>1C15</b> (1413) <b>1C26</b> (1415)



<b>District 2 – East Side</b>	<b>Front Line Equipment</b>	<b>Daily Staffing</b>	<b>Reserve Equipment</b>
Fire Station #2 1004 Seventh Street 815-987-5668 815-987-8084	<b>Engine 2</b> , 1250 gpm 500 gal. water tank (1024) <b>Ladder 2</b> , 109’ aerial (1263) <b>District Chief 2</b> (1310) <b>Water Rescue 1</b> (1558)	<b>E-2 – 4 personnel</b> 1 – Company Officer 1 – Driver/Engineer 2 – Firefighters <b>L-2 – 4 personnel</b> 1 – Company Officer 2 – Driver/Engineer 1 – Firefighters <b>District Chief #2 – 1 person</b>	
Fire Station #5 326 North Trainer Road 815-987-5555 815-987-5554	<b>Quint 5</b> , 1500 gpm, 400 gal. water tank 105’ aerial (1260) <b>Haz-Mat Unit</b> (1503/1309) <b>MABAS 8 – Decon Unit</b> (1504)	<b>Q-5 – 4 personnel</b> 1 – Company Officer 1 – Driver/Engineer 2 – Firefighters	
Fire Station #7 4979 Falcon Road 815-987-5676 815-987-8081	<b>Quint 7</b> , 1500 gpm, 400 gal. water tank 105’ aerial (1262) <b>Emergency 1 – ARFF</b> 1950 gpm, 3000 gal. water tank, 420 gal AFFF foam, 500 lb. Halotron, 55” snozzle. <b>Emergency 2 – ARFF</b> 150 gal. foam/water tank, 500 purple K	<b>Q-7/ARFF – 6 personnel</b> 1 – Company Officer 1 – Driver/Engineer 2 – Firefighters <b>Emergency 1 – 1 Dr./Eng</b>  <b>Emergency 2 –</b> <b>1 Firefighter</b>	<b>Emergency 4 – ARFF</b> , 1000 gpm, 1500 water tank, 180gal. AFFF Foam tank <b>Quint 1257</b> , 1500 gpm, 400 gal. water tank 105’ aerial <b>Engine #17</b> , 1000 gpm, 500 gal. water tank (1009) <b>Engine #16</b> , 1000 gpm, 500 gal. water tank (1019) <b>Stake Bed/Utility</b> (1520) <b>Fire Safety Trailer</b> (1518)
Fire Station #10 3407 Rural Street 815-987-5675 815-987-8085	<b>Engine 10</b> , 1250 gpm, 500 gal. water tank(1027) <b>1C16</b> (1418)	<b>E-10 – 4 personnel</b> 1 – Company Officer 1 – Driver/Engineer 2 – Firefighters <b>1C16 – 2 personnel</b>	
Fire Station #11 2117 Calgary Court 815-987-5672	<b>Engine 11</b> , 1000 gpm, 500 gal water tank (1021) <b>1C28</b> (1417) <b>Rescue 1 – TRT Unit</b> (1501)	<b>E-11 – 4 personnel</b> 1 – Company Officer 1 – Driver/Engineer 2 – Firefighters <b>1C28 – 2 personnel</b>	
RFD Maintenance & Repair Facility 2323 Sawyer Road 815-987-5655	<b>Pick-up</b> (1307) <b>Suburban – 1988</b> (1302) <b>Suburban – 1994</b> (1305) <b>Suburban – 1998</b> ( 1306)	<b>3 personnel</b> 1 – Shop Coordinator 2 – Mechanics	
Off-Site Storage	<b>Ladder 1253</b> , 75’ aerial (1253) <b>REHAB 1</b> , Bus, (1519)		

# Rockford Fire Department 2008 Summary

		Fire Loss	
Population	151,000	Total Structure Fires	280
Land Area	62	\$ Loss	\$4,033,653.00
2008 Budget	\$32,706,758.00	Total Vehicle Fires	172
		\$ Loss	\$643,900.00
Apparatus Inventory		Total Other Fires	369
Engines	8	\$ Loss	\$267,860.00
Quints	3	Total Fire Loss	\$4,945,413.00
Ladders	2	Save Ratio	96.48%
Ambulances	5		
Total Frontline	18	Civilian Fire Victims	
Total Reserve	16	Deaths	1
District Chief	2	Injuries	15
Boat	2	Firefighter Injuries	
ARFF	2	FF Injuries at Fire Incidents	30
Grass Rig	1	FF Injuries Other	82
TRT	1	Total FF Injuries	112
Hazmat	2		
Total Specialty	10	Fire Prevention	
Total Apparatus	44	Total Inspections	2,100
		Total Occupancies Inspected	1,142
Unit Responses		Total Pub Ed Visits	475
Engine 1	3,178		
Engine 2	3,301	Incidents	
Engine 3	2,086	Fires	821
Engine 4	1,693	EMS & Rescue	18,241
Engine 6	2,002	Hazardous Condition	738
Engine 8	1,782	Service/Good Intent Calls	1,863
Engine 10	2,285	False Alarm	1,858
Engine 11	2,557	Other Type Calls	114
Ladder 1	1,812	Total Incidents	23,635
Ladder 2	2,062		
Quint 5	1,997	Responses Times (90th Percentile)	
Quint 7	1,812	Goal	Actual
Quint 9	2,238	Turnout Time	2:00 2:34
Charlie 12	3,125	Drive Time	4:00 4:53
Charlie 16	3,648	Response Time	6:00 6:44
Charlie 27	4,478		
Charlie 28	3,831		
Charlie 29	4,662		
Total	48,549		

## Rockford Fire Department 2009 Summary

		Fire Loss		
Population	151,000	Total Structure Fires	279	
Land Area	62	\$ Loss	\$3,617,750.00	
2008 Budget	\$32,706,758.00	Total Vehicle Fires	135	
		\$ Loss	\$495,515.00	
Apparatus Inventory		Total Other Fires	400	
Engines	8	\$ Loss	\$26,610.00	
Quints	3	Total Fire Loss	\$4,139,875.00	
Ladders	2	Save Ratio	93.06%	
Ambulances	5	Civilian Fire Victims		
Total Frontline	18	Deaths	0	
Total Reserve	16	Injuries	14	
District Chief	2	Firefighter Injuries		
Boat	2	FF Injuries at Fire Incidents	15	
ARFF	2	FF Injuries Other	73	
Grass Rig	1	Total FF Injuries	88	
TRT	1	Fire Prevention		
Hazmat	2	Total Inspections	2,612	
Total Specialty	10	Total Occupancies Inspected	1,483	
Total Apparatus	44	Total Pub Ed Visits	427	
Unit Responses		Incidents		
Engine 1	3,078	Fires	814	
Engine 2	2,968	EMS & Rescue	18,388	
Engine 3	1,900	Hazardous Condition	696	
Engine 4	1,750	Service/Good Intent Calls	1,815	
Engine 6	2,070	False Alarm	1,826	
Engine 8	1,753	Other Type Calls	124	
Engine 10	2,328	Total Incidents	23,663	
Engine 11	2,585	Responses Times (90th Percentile)		
Ladder 1	1,825		Goal	Actual
Ladder 2	2,474	Turnout Time	2:00	2:27
Quint 5	2,014	Drive Time	4:00	4:58
Quint 7	1,682	Response Time	6:00	6:37
Quint 9	2,294			
Charlie 12	3,103			
Charlie 16	3,663			
Charlie 27	4,340			
Charlie 28	3,734			
Charlie 29	4,462			
Total	48,023			





## Sworn Personnel Demographics (current)

Total Sworn Personnel= 262

Gender		
Male	248	94.66%
Female	14	5.34%

Race		
White	235	89.69%
Hispanic	13	4.96%
African American	12	4.58%
Asian	2	0.76%

Age		
20-29	41	15.65%
30-39	103	39.31%
40-49	81	30.92%
50-59	35	13.36%
60 and over	2	0.76%



## 2008 and 2009 Firefighter Injuries

### Fire Incident Related Injuries

	2008	2009
Report only, including exposure	20	11
First aid only	3	2
Treated by physician, not a lost time injury	5	1
Moderate severity, lost time injury	1	1
Severe, lost time injury	1	0
<b>Total</b>	30	15

### Non Fire Related Injuries\*

	2008	2009
Report only, including exposure	55	49
First aid only	3	5
Treated by physician, not a lost time injury	6	5
Moderate severity, lost time injury	21	13
Severe, lost time injury	2	1
<b>Total</b>	87	73

\*Includes other incident related injuries as well as non-incident related injuries

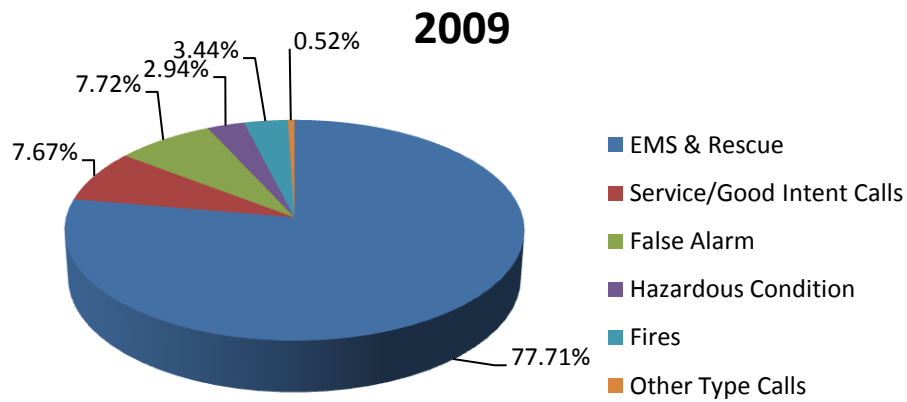
### Total Firefighter Injuries

	2008	2009
Report only, including exposure	75	60
First aid only	6	7
Treated by physician, not a lost time injury	11	6
Moderate severity, lost time injury	22	14
Severe, lost time injury	3	1
<b>Total</b>	117	88



## 2008 and 2009 Total Incidents (includes Mutual Aid)

	2008	2009	% Change
EMS & Rescue	18,241	18,388	0.81%
Service/Good Intent Calls	1,863	1,815	-2.58%
False Alarm	1,858	1,826	-1.72%
Hazardous Condition	738	696	-5.69%
Fires	821	814	-0.85%
Other Type Calls	114	124	8.77%
<b>Total Incidents</b>	<b>23,635</b>	<b>23,663</b>	<b>0.12%</b>





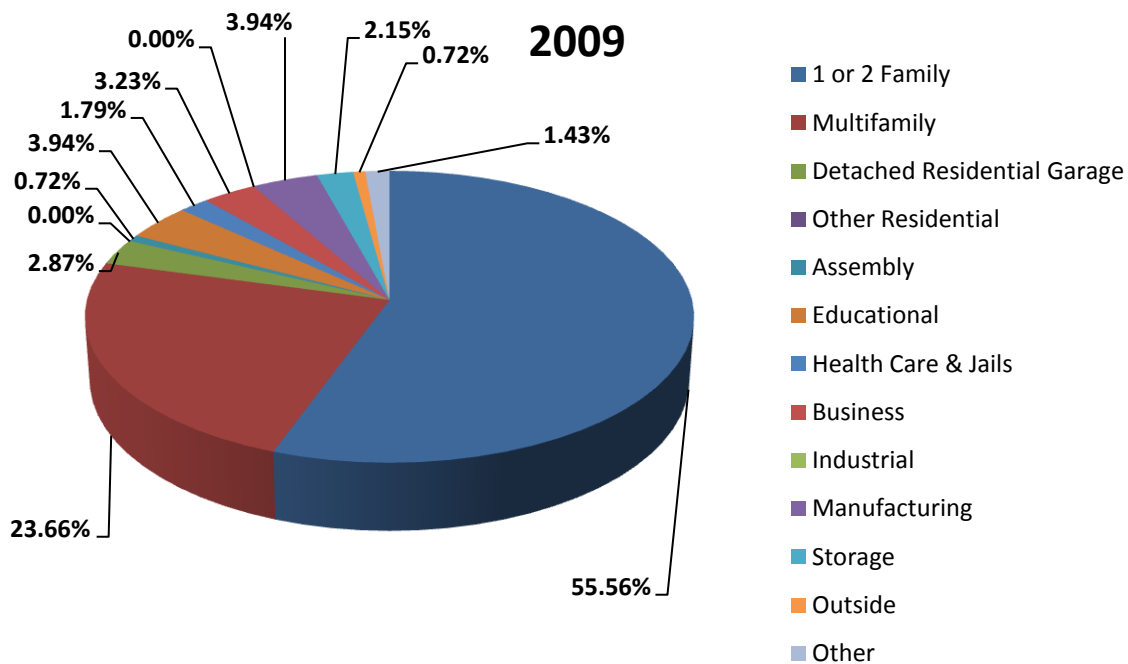
## 2008 and 2009 Fires by Type (includes Exposures and Mutual Aid)

	2008		2009	
	Count	\$ Loss	Count	Loss
Fire, Other	35	\$29,650.00	0	\$0.00
Building fire	161	\$3,830,298.00	183	\$3,585,500.00
Fires in structure other than in a building	7	\$14,000.00	2	\$2,500.00
Cooking fire, confined to container	57	\$10,955.00	72	\$17,985.00
Chimney or flue fire, confined to chimney or flue	2	\$1,000.00	4	\$7,000.00
Fuel burner/boiler malfunction, fire confined	5	\$8,500.00	1	\$1,000.00
Trash or rubbish fire, contained	10	\$3,000.00	15	\$1,265.00
Fire in mobile prop used as a fixed struc, Other	0	\$250.00	0	\$0.00
Fire in mobile home used as fixed residence	2	\$26,000.00	2	\$2,500.00
Fire in portable building, fixed location	1	\$110,000.00	0	\$0.00
Mobile property (vehicle) fire, Other	6	\$10,350.00	1	\$7,000.00
Passenger vehicle fire	160	\$582,550.00	124	\$450,765.00
Road freight or transport vehicle fire	5	\$49,500.00	2	\$5,500.00
Rail Vehicle Fire	0	\$0.00	1	\$0.00
Water Vehicle Fire	0	\$0.00	1	\$1,500.00
Self-propelled motor home or recreational vehicle	0	\$0.00	1	\$7,000.00
Camper or recreational vehicle (RV) fire	1	\$1,500.00	1	\$1,500.00
Off-road vehicle or heavy equipment fire	0	\$0.00	4	\$22,250.00
Natural vegetation fire, Other	14	\$5,000.00	11	\$250.00
Forest, woods or wildland fire	1	\$0.00	0	\$0.00
Brush or brush-and-grass mixture fire	26	\$0.00	18	\$0.00
Grass fire	7	\$0.00	7	\$40.00
Outside rubbish fire, Other	17	\$50.00	3	\$0.00
Outside rubbish, trash, or waste fire	44	\$1,200.00	27	\$60.00
Dumpster or other outside trash receptacle fire	47	\$7,750.00	67	\$22,660.00
Special outside fire, Other	11	\$2,060.00	5	\$100.00
Outside storage fire	2	\$1,500.00	1	\$0.00
Outside equipment fire	3	\$250,300.00	8	\$3,450.00
Open Burning	197	\$0.00	253	\$50.00
<b>Total</b>	<b>821</b>	<b>\$4,945,413.00</b>	<b>814</b>	<b>\$4,139,875.00</b>



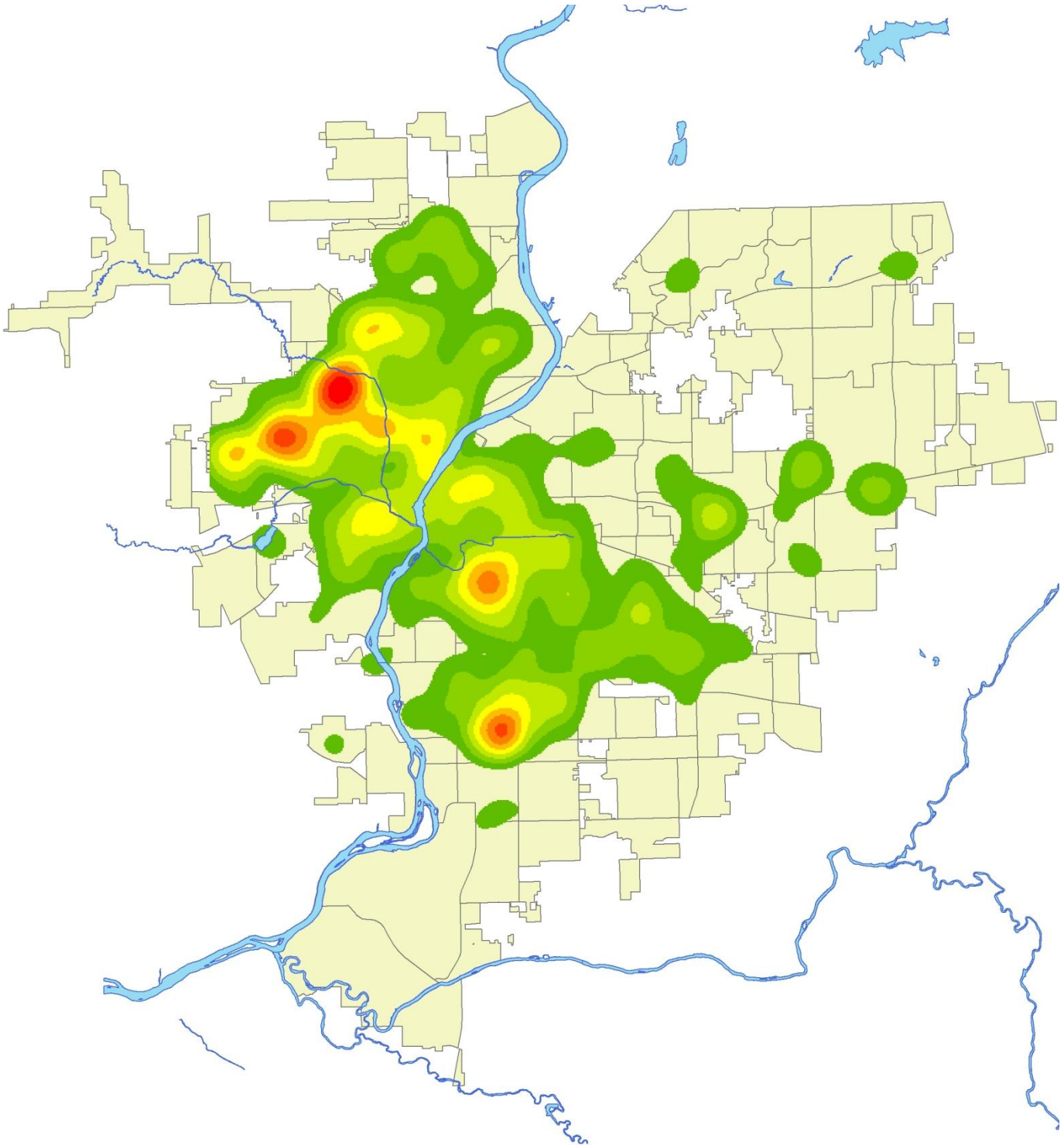
## 2008 and 2009 Structure Fires by Property Use (includes Exposures and Mutual Aid)

	2008		2009	
	Count	\$ Loss	Count	\$ Loss
Residential				
1 or 2 Family	159	\$2,630,903.00	155	\$2,687,255.00
Multifamily	63	\$332,350.00	66	\$221,380.00
Detached Residential Garage	5	\$92,800.00	8	\$80,500.00
Other Residential	5	\$42,000.00	0	\$0.00
Assembly	12	\$92,500.00	2	\$11,100.00
Educational	5	\$293,000.00	11	\$19,065.00
Health Care & Jails	2	\$20,000.00	5	\$1,950.00
Business	9	\$288,100.00	9	\$243,550.00
Industrial	2	\$114,000.00	0	\$0.00
Manufacturing	10	\$85,500.00	11	\$313,650.00
Storage	4	\$41,500.00	6	\$16,500.00
Outside	3	\$0.00	2	\$22,800.00
Other	1	\$1,000.00	4	\$0.00
Total	280	\$4,033,653.00	279	\$3,617,750.00





## Fire Hot Spots





## 2008 and 2009 EMS and Search and Rescue Incidents (Includes Mutual Aid)

	2008	2009
EMS call, excluding vehicle accident with injury	16,313	17,054
EMS automated medical alarm*	0	35
Motoar vehicle accident with injuries	767	732
Motor vehicle/pedestrian accident	104	96
Motor vehicle accident with no injuries	264	298
Lock-in	52	30
Search for lost person	2	0
Extrication, rescue, Other	4	7
Extrication of victim(s) from building/structure	2	0
Extrication of victim(s) from vehicle	17	17
Removal of victim(s) from stalled elevator	26	40
Trench/below-grade rescue	0	2
Confined space rescue	1	0
High-angle rescue	0	0
Extrication of victim(s) from machinery	0	0
Water & ice-related rescue,other	11	4
Swimming/recreational water areas rescue	2	0
Ice rescue	0	0
Swift water rescue	5	3
Surf rescue	0	0
Watercraft rescue	3	1
Rescue or EMS standby	7	9
Medical assist, assist EMS crew**	541	42
Rescue, EMS, incident, Other**	120	18
Total	18,241	18,388

\*This incident type was not created until the end of 2009.

\*\*The high number of these incidents in 2008 is due to incorrect data entry



## Fire Prevention-Inspections & Plan Reviews

### Inspections

	2008	2009
General Inspection	1,059	1,516
Complaint	63	102
Spot Check	12	27
Preplan Inspection	4	3
All Trades Inspection	19	12
Alarm Test	45	36
Hydrostatic Test	73	57
Final Inspection	126	116
Permit Inspection	56	50
Self-inspection	18	18
Recheck Inspection	229	182
Day Care Inspections	0	1
Fire Drill	34	15
Update Inspection	12	38
Witnessed Fire Suppression Test	15	13
Other Type Inspections	335	426
<b>Total</b>	<b>2,100</b>	<b>2,612</b>

### Plan Reviews

	2008	2009
Building/All	199	206
Site or Plat Plan	4	1
Hood and Duct System	1	8
Fire Alarm System	50	22
Suppression System	99	66
Architectural	1	0
Mechanical	1	0
Electrical	0	1
<b>Total</b>	<b>355</b>	<b>304</b>





## Fire Prevention-Public Education



### Visits

	2008	2009
School Program	229	179
Public Education	101	142
Survive Alive Trailer	56	42
Fire Safety	42	34
Rig Request	28	19
Special Events	19	11
<b>Total</b>	<b>475</b>	<b>427</b>

### Audience

	2008		2009	
	# of Adults	# of Children	# of Adults	# of Children
School Program	114	6,717	202	4,446
Public Education	94	4,481	706	3,434
Survive Alive Trailer	1,091	4,571	1,052	4,388
Fire Safety	875	279	595	1,219
Rig Request	538	1,313	168	1,330
Special Events	1,703	274	320	161
<b>Total</b>	<b>4,415</b>	<b>17,635</b>	<b>3,043</b>	<b>14,978</b>



## Fire Prevention- Fire Investigations

### Type

	2008	2009
Structure-Residential	123	112
Vehicle	89	69
Dumpster/Rubbish	28	15
Structure-Commercial	19	19
Garage/Outbuilding	12	14
Other	11	7
Grass/Leaf	3	4
Mailbox	0	1
<b>Total</b>	<b>285</b>	<b>241</b>

### Cause

	2008	2009
Accidental	127	128
Incendiary	104	69
Undetermined	54	44
<b>Total</b>	<b>285</b>	<b>241</b>

### Arsons

	2008	2009
Vehicle	45	29
Structure-Residential	31	20
Dumpster/Rubbish	14	6
Structure-Commercial	6	6
Other	5	2
Garage/Outbuilding	3	4
Grass/Leaf	0	1
Mailbox	0	1
<b>Total</b>	<b>104</b>	<b>69</b>